

Polyclonal Anti-*Mycobacterium tuberculosis* Gene Rv0569 (antiserum, Rabbit)

Catalog No. NR-36513

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Contributor and Manufacturer:

NIH - TB Vaccine Testing and Research Materials Contract

Product Description:

Antibody Designation: α -Rv0569

Polyclonal antiserum to a hypothetical protein (14 kDa protein, Gene Rv0569, thought to be a putative transcriptional regulator¹) of *Mycobacterium tuberculosis*, strain H37Rv was produced in rabbits. The antiserum is reported to be active in ELISA and Western Blot assays.

Material Provided:

Each vial contains approximately 250 μ L of NR-36513 provided as serum.

Packaging/Storage:

NR-36513 was packaged aseptically in screw-cap cryovials. The product is provided frozen on dry ice and should be stored at -80°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Polyclonal Anti-*Mycobacterium tuberculosis* Gene Rv0569 (antiserum, Rabbit), NR-36513."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Dawes, S. S., et al. "Ribonucleotide Reduction in *Mycobacterium tuberculosis*: Function and Expression of Genes Encoding Class 1b and Class II Ribonucleotide Reductases." *Infect. Immun.* 71 (2003): 8124-8131. PubMed: 14573627.
2. Cole, S. T., et al. "Deciphering the Biology of *Mycobacterium tuberculosis* from the Complete Genome Sequence." *Nature* 393 (1998): 537-544. PubMed: 9634230. Erratum in: *Nature* 396 (1998): 190-198.

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